

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years hands-on experience working in maintenance, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/12/1990
Gender : Male
Marital Status : Married
Residence : El-Obour City, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2013

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: Alstom Micom S1 Agile
: Megger Power DB
: ABB PCM600
: Freja WIN
: CMC256 Omicron
: AutoCAD 2D
: Schneider Micom S1 Studio

TRAINING COURSES AND CERTIFICATIONS

: PMP certified, PMI (Dec. 2020).
: Substation Course (Jan./Feb. 2012).
: Training at Arab Contractors (Aug./Sep. 2012).
: Power System Distribution Course (Apr./May 2011).
: Training at Electricity Transmission Company (Aug./Sep. 2011).
: PIC and Automatic Control Course (Feb./Mar. 2010).
: Training at Electricity Distribution Company (Aug./Sep. 2010).

- : AutoCAD Course (Mar./Apr. 2009).
- : Training at Egyptian Electricity Company (Aug./Sep. 2009).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2020 till Apr. 2022
- Employer** : MEGA FOR CONSTRUCTION AND INDUSTRIES
- Project** : EEHC - ADMS - 4 DCCs Project - Egypt
- Job title** : Team Leader Electrical Engineer
- Job Description** :
- Prepare and arrange Method of Statement for installations, Testing and Commissioning activities.
 - Provide technical support for testing, installation and commissioning Engineers.
 - Prepare Shutdown Plan. Prepare project documentation within one's scope of deliverables.
 - Perform the correct project technical strategy during survey, Design, Planning, Execution, Testing.
 - Assist in preparing proposal/presentation of the project (provision of bills of materials, estimated engineering hours, etc.).
 - Reviewing of detail design for schematic drawings.
 - Discussions with clients, obtaining approval for drawings submitted.
 - Coordinate activities, resources, equipment and information.
 - Support Project Manager in issuing claims (new/change in scope of work, cost impact, time impact, risk quantifications, etc.
 - Report to the top management with performance reports.
 - Prepare signal point list.
 - Prepare Scheme modification, internal and external interface Installation for RTU, Chargers, Cables, GPS Antenna.
 - Replacement old relay by P3U30 relay.
 - P3U30 Relay, Saitel RTU, PM8000 Testing.
 - E3 Series design Programming.
 - Site Survey.
 - MV Switchgear Scheme testing.
 - CT, VT, CB Testing.
 - Installation VT Loop.
 - VT, CT Loop Secondary injection.
 - Electrical interlock Installation & testing.

- Dates** : From Apr. 2016 till Apr. 2020
- Employer** : IBN Omirah Company, KSA
- Job title** : Protection, Testing & Commissioning Engineer
- Job Description** :
- Familiar with SEC/NG standards and specifications.
 - Certified as T&C Engineer from SEC/NG.
 - Substation.
 - Power Transformers.
 - Advance Relays.
 - Simple Relays.
 - HV/MV/LV Switchgears and GIS.

- HV/MV/LV Cables testing.
- HV/MV/LV Scheme check.
- Protection Scheme check.
- Power Transformer Stability.
- Bus Bar Stability testing.
- Primary injection testing.
- SAS open loop and close loop.
- CT, VT, CB, DS, ES and Surge arrestor testing.
- CT and VT looping secondary injection.
- Capacitor Bank and Reactors testing.
- Ring Main Unit (RMU).
- Neutral Earth Resistor (NER).
- CPC100, SVERKER, FREJA300, B10, EGIL, CMC, CT Analyzer, Megger, ODEN, TAN Delta 4000, MTO300, TTR, TRAX250, FRAX, DOBBL4000, Oil tester and VLF DEVICE.

Dates : From Jan. 2014 till Jan. 2016
Employer : Euro Pack Company, Egypt
Job title : Electrical Maintenance Engineer
Job Description :

- Automatic Control.
- Programmable Logic Control (PLC).
- Machines Maintenance.
- Machines Operation.
- Analyze and solve problems.

Projects:

- PETRO RABIGH SHUTDOWN PROJECT, Siemens Company, ARAMCO, Saudi Arabia, Team Leader:
 - Switch gear maintenance.
 - Power Transformer testing.
 - Main Relay testing, Differential transformer.
 - Simple Relay testing, OC/EF, Micom P122.
 - CT, VT and CB testing.
 - SF6 testing and Gauges Calibration testing.
 - Power Meter testing.
 - Bus Bar contact Resistance testing.
- AL MROOJ #8231 S/S 132/13.8KV, SEC/National Grid Project, Riyadh, Saudi Arabia:
 - REC670 Under Voltage Relay.
 - REC670 Under Frequency Relay.
 - Power transformer testing (67MVA, 132/13.8KV, ABB).
 - Transformer protection scheme check.
 - 132KV ABB GISLCC Panels Scheme Check.
 - 132KV BUS BAR protection scheme check.
 - Auxiliary Transformer testing (1MVA, 13.8KV/400V, Al Fanar).
- DURMA REVERSE OSMOSIS (DURMA RO PLANT), NESMA Water and Energy, Saudi Arabia:
 - MCC's (Low voltage motor control center).

- SMDB.
- MCB, MCCB and Over load testing.
- Step up Transformer testing.
- AL MORABAA #8187 S/S 132/13.8KV, SEC/National Grid Project, Riyadh, Saudi Arabia:
 - O/C, E/F, CBF ABB REF615 Relay.
 - SEL487V Capacitor protection Relay.
 - Power transformer testing (67MVA, 132/13.8KV, HYOSUNG).
 - Transformer Differential Protection Relay (P643, RET670).
 - ACCS (Automatic Capacitor Control System).
 - MV and LV Cable testing.
 - VT Loop secondary injection.
 - CT Loop Secondary injection.
 - REC670 under voltage relay.
 - REC670 under frequency relay.
 - SAS open loop.
 - SAS close loop.
- AL WESAM S/S 110/13.8KV, SEC/National Grid Project, Makkah, Saudi Arabia:
 - Power transformer testing (100 MVA, 110/13.8KV, HYOSUNG).
 - Advance Relay ABB RED 670.
 - 110KV Line feeder protection scheme.
 - VT (Voltage Transformer) testing.
 - Auxiliary Transformer testing (0.5 MVA, 13.8KV/400V, Al Fanar).
 - 110KV Bus Bar Stability and Sensitivity.
- TABUK BBH S/S 132/33KV, SEC/National Grid Project, Tabuk, Saudi Arabia:
 - SEL487V Capacitor protection Relay.
 - 132KV HYUNDAI GIS LCC Panels Scheme Check.
 - Power transformer testing (100MVA, 132/33KV, GETRA).
 - CT (Current Transformer) testing.
 - CB (Circuit Breaker) testing.
 - SF6 Testing.
 - Auxiliary Relay testing.
- SALAHUDIN #8219 S/S 132/13.8KV, SEC/National Grid Project, Riyadh, Saudi Arabia:
 - DS (Disconnect Switch) testing.
 - ES (Earth Switch) testing.
 - 132KV Bus Bar Stability and Sensitivity.
 - 13.8KV Bus Bar Stability and Sensitivity.
 - 13.3KV Bus Bar contact resistance.
 - Power transformer Stability testing.
 - 13.8KV SWGR HV testing.
- AL NADA #8220 S/S 132/13.8KV, SEC/National Grid Project, Riyadh, Saudi Arabia:
 - Transformer Differential Protection Relay ABB RET 670.
 - Power transformer Stability testing.
 - 132KV GIS Primary injection.

- NER (Neutral Earth Resistor) testing.
- 13.8KV Cable testing.
- MK Scheme function check.
- AIN AL KASHM #9017 S/S 380/132/13.8KV, SEC/National Grid Project, Saudi Arabia:
 - Line Feeder Differential Protection Relay testing.
 - Distance, Impedance Protection Relay testing.
 - Line Feeder Protection Scheme Check.
 - CT Supervision Relay testing.
 - Multifunction Meters testing.
 - MCB, Auxiliary relay testing.
- AL SAFA #8305 S/S 132/13.8KV, SEC/National Grid Project, Riyadh, Saudi Arabia:
 - 13.8KV SWGR HV testing.
 - MV Scheme Function check.
 - MCB and MCCB testing.
 - Capacitor Bank testing.
 - RMU (Ring Main Unit) testing.
 - Simple Relay (P142, REF615) testing.
- AL HAZEM #8282 S/S 132/13.8KV, SEC/National Grid Project, Riyadh, Saudi Arabia:
 - Shunt Reactor testing.
 - ACDB and DCDB Scheme.
 - Over and under frequency relay and Scheme check.
 - Over and Under Voltage Relay and Scheme check.
 - On Load Tap Changer scheme testing.
 - 13.8KV Cables testing.
 - Power transformer Frequency Response Analysis.
- HUTAT SUDIR #8502 S/S 132/33KV, SEC/National Grid Project, Al Qaseem, Saudi Arabia:
 - 132KV Cables testing.
 - 33KV Cables testing
 - 33KV SWGR HV testing.
 - Surge Arrestor testing.
 - 33KV Switchgear Scheme function check.
- AL NASSEM #8222 S/S 132/13.8KV, SEC/National Grid Project, Riyadh, Saudi Arabia:
 - Power transformer testing (67MVA, 132/13.8KV, ABB).
 - Simple Relay testing (Micom P139, ABB REF615).
 - Line Feeder Differential Protection Relay (Micom P546, ABB RED 670).
 - 132KV Line feeder Protection Panels Scheme Check.
- TABUK -12 S/S 132/13.8KV, SEC/National Grid Project, Tabuk, Saudi Arabia:
 - 132KV BUS BAR protection scheme.
 - AVC (Automatic Voltage Regulator) scheme.
 - Power transformer testing (67MVA, 132/13.8KV, GETRA).
 - 13.8KV Cable testing.

- ABTS (Automatic Bus Transfer) scheme.
- 132KV HYUNDAI GIS LCC Panels Scheme Check.